

# EUROPEAN PATENT OFFICE

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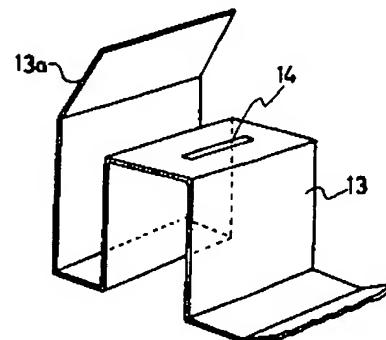
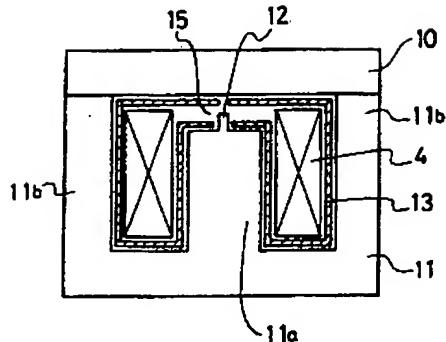
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TITLE : CHOKE



**ABSTRACT :** PURPOSE: To produce a DC smoothing chock easy to assemble by using only one sheet of insulating paper, less number of component parts and no spacer at all.

CONSTITUTION: A central magnetic pole 11a of an E-type iron core 11 is shorter than outer magnetic poles 11b while a bump 12 is provided on the edge of central magnetic pole 11a opposite to an I-type iron core 10. An insulating paper 13 is bent into inverted recession type so as to encircle coils 4 with a slot 14 turned downward to be fixed on the E-type iron core 11 together with the coils 4. Though these procedures, the coils 4 may be fixed by means of inserting the bump 12 provided on the central magnetic pole of E-type iron core 11 into the slot 14 provided on the insulating paper 13 encircling the coils 4 so that a specified insulating gap may be made between said paper 13 and said iron cores forming a cavity 15 without inserting a spacer between the central magnetic pole of the E-type iron core 11 and the I-type iron core 10.

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